

ECS Configuration Change Request

Page 1 of

Page(s)

1. Originator Ron Parham	2. Log Date: 8/12/02	3. CCR #: 02-0670	4. Rev: —	5. Tel: 0713	6. Rm #: 2108C	7. Dept. SE
8. CCR Title: Evaluation of firewall backup capability for GSFC, SMC, EDC, NSIDC, LaRC, VATC, PVC						
9. Originator Signature/Date Ronald Parham /s/ 8/12/02			10. Class IN	11. Type: CCR	12. Need Date: 9/15/02	
13. Office Manager Signature/Date Jim Mather /s/ 8/12/02			14. Category of Change: Other		15. Priority: (If "Emergency" fill in Block 27). Routine	
16. Documentation/Drawings Impacted:			17. Schedule Impact: N/A		18. Cl(s) Affected: t1fwi09	
19. Release Affected by this Change: 6A		20. Date due to Customer: N/A		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input checked="" type="checkbox"/> Other:						
23. Problem: (use additional Sheets if necessary) Current ECS firewall configuration supports hard disk mirroring and redundant power supply yet no resource exists to backup total firewall configuration in the event of catastrophe.						
24. Proposed Solution: (use additional sheets if necessary) IBM (AIX OS) platform supports both tape, preferably, and DVDRW as possible backup solutions. An evaluation of a 4.7Gb DVD-RAM drive and IBM SysBack backup software will be evaluated on the VATC firewall platform. If the testing is successful then a backup device and software will be requested requested for all firewalls at sites.						
25. Alternate Solution: (use additional sheets if necessary) None.						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) The potential impact of extended firewall downtime clearly identifies the need for a backup solution. Bottom line: The DAAC's and the EDF will be non-operational until firewall functionality is restored.						
27. Justification for Emergency (If Block 15 is "Emergency"): N/A						
28. Site(s) Affected: <input type="checkbox"/> EDF <input type="checkbox"/> PVC <input checked="" type="checkbox"/> VATC <input type="checkbox"/> EDC <input type="checkbox"/> GSFC <input type="checkbox"/> LaRC <input type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments:				30. Work Assigned To:	31. CCR Closed Date:	
32. EDF/SCDV CCB Chair (Sign/Date): Otai Harley /s/ 8/14/02 Byron V. Peters /s/ 8/14/02			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB			
33. M&O CCB Chair (Sign/Date):			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS Fwd/ECS			
34. ECS CCB Chair (Sign/Date):			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS Fwd/ESDIS			